

THE  
AMERICAN JOURNAL OF PHARMACY.

PUBLISHED BY AUTHORITY OF THE  
PHILADELPHIA COLLEGE OF PHARMACY.

EDITED BY

JOSEPH CARSON, M. D.

Prof. Mat. Med. in Phil. Col. Pharm.

AND

ROBERT BRIDGES, M. D.

NEW SERIES, VOL. VII.

or v. 13



8412

PHILADELPHIA  
MERRIHEW AND THOMPSON, PRINTERS.  
No. 7 Carter's Alley.  
.....  
1842.

**PUBLISHING COMMITTEE.**

<b>DR. JOSEPH CARSON,</b>	<b>CHARLES ELLIS,</b>	<b>DR. R. BRIDGES,</b>
<b>WILLIAM PROCTER, JR.,</b>	<b>DR. GEO. B. WOOD,</b>	<b>ELIAS DURAND,</b>
<b>AMBROSE SMITH,</b>	<b>AUGUSTINE DUHAMEL,</b>	<b>WILLIAM R. FISHER,</b>
	<b>DR. BACHE.</b>	

# CONTENTS.

## No. I.

On Lobelina, the Active Principle of Lobelia Inflata, and on some other proximate principles of the seed of that plant. By William Procter, Jr.	1
On Juniperus Sabina. By Caleb H. Needles,	11
Concrete Oil of Cocoa. By Augustine Duhamel,	16
Remarks on the Gamboge Tree of Ceylon, and character of Hebradendron, a new genus of Guttiferæ, and that to which the tree belongs. By Robert Graham, M. D., Professor of Botany in the University of Edinburgh. ( <i>With a figure.</i> )	19
On the Perchlorate of the Oxide of Ethule, or Perchloric Ether. By Clark Hare and Martin H. Boye,	32
Mildew, or Meldew,	36
Experiments applicable to the study of Alcohol, Spirit of Wood, and Ethers. By M. Kuhlman,	42
Note upon the Cinchona Bicolorata,	49
Historical Remarks concerning the Greek Fire. By J. J. Virey,	52
On Guarana and its use in Medicine under the name of Paullinia. By M. de Dechasteles,	53
On Kermes Mineral. By M. H. Rose,	55
On the Extraction of Morphia. By Fr. Mohr,	60
Selections from Lassaigue's Dictionnaire des Reactifs. No. 1. Translated by Augustine Duhamel,	62
Chemical Examination of the Strobiles of the Hop, ( <i>Humulus Lupulus.</i> ) By T. G. Leroy,	65
Notice of several Preparations of Iron. By M. Beral, Pharmaceutist,	72
Notice of the Hachisch,	75
Modification of the Process of M. Garot for Covering Pills. By M. Vee,	77
Formulæ of several Preparations of Cubebs, employed by Dr. Puche at the Hospital of Midi,	78
MINUTES OF THE PHILADELPHIA COLLEGE OF PHARMACY,	79
MISCELLANY,	81

## No. II.

Further Remarks on the Ammonio-Iodides of Mercury. By Ambrose Smith, - - - - -	89
Reagents and their uses. By Augustine Duhamel, - - -	92
Note upon the Ethereal Oil of Ergot. By Augustine Duhamel, -	95
On the Iodides of Arsenic. By Henry F. Fish. - - -	97
Pharmaceutical Notices. No. xix. By Augustine Duhamel, -	101
Selections from Lassaigne's Dictionnaire des Reactifs. No. 2. Translated by Augustine Duhamel, - - -	106
On Narcissus Pseudo-Narcissus, and its active and Emetic Principle, Narcitine. By Dr. Jourdain, - - -	109
On the Adulteration of Creosote by Alcohol, - - -	111
On the Proto-Iodide of Iron and its mode of Preparation; followed by Formula for its Administration, employed for some time with remarkable success in the Treatment of Phthisis Pulmonalis. By Alphonso Dupasquier, - - -	113
On Manna, - - - - -	124
On Belladonnine. By Ph. Lübekind, - - -	127
Upon Poisoning by Concentrated Acids; and the first Remedies to Administer. By A. Chevallier, - - -	129
Selections from Royle's Productive Resources of India, - - -	134
Detection of Arsenic. By H. Braconot, - - -	149
Chemical and Medical Examination of the Bark of Monesia. By MM. Bernard Derosne, O. Henry, and J. F. Payen, - -	151
On the Preparation and Use of the Sesqui-Iodide of Iron. By Oberdœrffer, Pharmaceutist at Hamburg, - - -	165
MINUTES OF THE BOARD OF TRUSTEES PHILADELPHIA COLLEGE OF PHARMACY, - - - - -	166
MISCELLANY, - - - - -	169

## No. III.

Observations on Asarum Canadense, and Asarum Europæum. By William Procter, Jr.,	177
Pharmaceutical Notices. No. xx. By William Procter, Jr.,	183
Note on Vanilla,	190
On the Action of Sal Ammoniac on Iodide of Potassium, and upon a peculiar mode of external use of this Salt. By M. Vogel de Munich,	195
On the Limit to the Action of Certain Chemical Reagents,	200
On the Most Important Chemical Manufactures carried on in Glasgow and the Neighborhood. By Professor Thomas Thomson, of Glasgow, F. R. S.,	206
On Pollen and Vegetable Impregnation,	216
Views of Professor Liebig on Poisons, Contagions, and Miasms,	218
On the Constitution and Product of the Distillation of Fat Bodies. By Professor Redtenbacher and Dr. Varrentrapp,	220
On a New Fat Acid. By Dr. Playfair,	221
A New Mode of Estimating Nitrogen in Organic Analysis. By Professor Bunsen, of Marlburg,	222
On Bleaching Vegetable Wax. By Mr. E. Solly,	223
Compound of Iodide of Sodium and Iodate of Soda,	224
On the Action of Nitric Acid on the Chlorates, Iodates, and Bromates of Potassa and Soda. By Professor Frederic Penny,	225
On the Solvent Power exercised by Water, at High Temperature, on Siliceous Minerals. By Julius Jeffreys,	227
Source and Assimilation of the Nitrogen of Plants,	230
An Examination of the Testimony relative to the Efficacy of the Hydrated Peroxide of Iron as an Antidote to Arsenic, with Directions for its Preparation and Exhibition. By T. Romeyn Beck, M. D.,	239
An Account of some Recent Improvements in Photography. By H. F. Talbot, Esq., F. R. S.	247
New Mode of Preparation of the Daguerreotype plates, by which Portraits can be taken in the short space of from five to fifteen seconds, according to the power of light. Discovered by A. Claudet, in the beginning of May, 1841. Communicated by the Marquis of Northampton, President R. S.	253
On the Spontaneous Evolution of Sulphuretted Hydrogen in the Waters of the Western Coast of Africa and elsewhere,	254
MISCELLANY,	260



## No. IV.

Report of the Committee of Revision, on the New Pharmacopœia, made to the College, at a Special Meeting, Nov. 6th, 1841,	265
Pharmaceutical Notices. No. xxi. By Augustine Duhamel,	288
Pharmaceutical Society of Great Britain,	292
Observations on Blistering Plaster, By William Procter, Jr.,	302
On Vesicating Applications. By Mr. Redwood,	306
Mr. Liston's Isinglass Plaster. By Jacob Bell,	320
The Apothecaries' Company v. Greenough,	322
Academy of Medicine of Paris. Reports on Poisoning by Arsenious Acid,	326
On Hippuric Acid and its Tests. By Alexander Ure, M. D., A. M.,	337
Antidote to the Salts of Copper. By W. Benoist, Pharmaceutist at Sancoius, (Chev.)	341
New Process for the Detection of Copper, Applicable to Medico- Legal Analysis. By M. Verguin, of Lyons	443
MISCELLANY,	346







# INDEX I.

## AUTHORS OF ARTICLES IN THE SEVENTH VOLUME OF THE AMERICAN JOURNAL OF PHARMACY.

<i>Beck, T. Romeyn.</i>	An examination of the testimony relative to the efficacy of the hydrated peroxide of iron, as an antidote for arsenic, with directions for its preparation and exhibition,	236
<i>Bell, Jacob;</i>	On the distilled water of bitter almonds,	349
<i>Beral, M.</i>	Notice of several preparations of iron,	72
<i>Benoist, W.</i>	Antidote to salts of copper,	341
<i>Boye, Martin H., Clark Hare and.</i>	On the perchlorate of the oxide of ethule or perchloric ether,	32
<i>Braconot, H.</i>	Detection of arsenic,	149
<i>Bunsen, Prof.</i>	A new mode of estimating nitrogen in organic analysis,	222
<i>Callond, M.</i>	On the action of acids on the sulphate of iron,	347
<i>Carson, J., M. D.</i>	Note on Cinchona bicolorata,	49
"	Note on Vanilla,	190
<i>Chevallier, A.</i>	Upon poisoning by concentrated acids, and the first remedies to administer,	129
"	and Vandamme. On a new active principle,	172
<i>Claudet, A.</i>	New mode of preparing daguerreotype plates,	253
<i>Derosne, O. Henry, J. F. Payen and</i>	Chemical and medical examination of the bark of monesia,	151
<i>Deschasteles, M. de.</i>	Of Guarana and its use in medicine under the name of Paullinia,	53
<i>Duhamel, Agustine.</i>	On concrete oil of cocon,	16
"	on reagents and their uses,	92
"	etheral oil of ergot,	95
"	Pharmaceutical notices,	101, 288
<i>Dupasquier, M. Alphonso.</i>	On a new method of analysing sulphurous waters, and the reaction of iodine with sulphuric acid,	82
"	On the proto-iodide of iron and its mode of preparation, followed by some formulæ for its administration, employed for some time with remarkable success in the treatment of phthisis pulmonalis,	113

<i>Duval, M.</i>	Note on the preparation of tannin,	-	-	171
<i>Fish, Henry F.</i>	On the iodides of arsenic,	-	-	97
<i>Gilbert, F. H.</i>	Remarks on the tinctura opii ammoniata of Ed. Ph.			263
<i>Graham, Robert M. D., Prof. of Botany in University of Edinburgh.</i>	Remarks on the gamboge tree of Ceylon, and character of Hebradendron, a new genus of Guttiferæ, and that to which the tree belongs,	-	-	19
" "	On the preparation of chloride of potassa,	-	-	346
<i>Hare, Clark and Martin H. Boye.</i>	On the perchlorate of the oxide of ethule or perchloric ether,	-	-	32
<i>Henry, O. Derosne and Payen.</i>	Chemical and medical examination of the bark of monesia,	-	-	151
<i>Jeffreys, Julius.</i>	On the solvent power of water at high temperatures, on silicious minerals,	-	-	227
<i>Jourdain, Dr.</i>	On <i>Narcissus pseudo-narcissus</i> , and its active emetic principle, narcitine,	-	-	109
<i>Kulhman, M.</i>	Experiments applicable to the study of alcohol, spirit of wood and ethers,	-	-	42
<i>Lassaigne's.</i>	Dictionary of reactivities, selections from,	-	-	62
<i>Leibig, Prof.</i>	On poisons, contagions and miasms,	-	-	218
<i>Leroy, T. G.</i>	Chemical examination of the strobiles of the hop,	-	-	56
<i>Liston, Mr.</i>	On isinglass plaster,	-	-	302
<i>Loole, M.</i>	On the double nitrate of potassa and soda,	-	-	86
<i>Lubekind, Ph.</i>	On belladonnine,	-	-	127
<i>Mohr, Fr.</i>	On the extraction of morphia,	-	-	60
<i>Munkel, M.</i>	Protection of iron by zinc,	-	-	86
<i>Napoli, M. Raffal.</i>	On the use of chloride of lime, in the treatment of itch,	-	-	172
<i>Nasse, Prof.</i>	On the microscopic constituents of milk,	-	-	175
<i>Needles, Caleb H.</i>	On <i>Juniperus sabina</i> —an Inaugural Essay,	-	-	11
<i>Oberdoerffer, M.</i>	On the preparation and employment of the sesquioduret of iron,	-	-	83, 165
<i>Payen, O. Henry and Derosne.</i>	On monesia,	-	-	151
<i>Peligot, M.</i>	Researches on the composition of crystallized phosphoric acid,	-	-	86
<i>Penny, Prof.</i>	On the action of nitric acid on the chlorates, iodates and bromates of potassa and soda,	-	-	225
<i>Playfair.</i>	On a new fat acid,	-	-	221

<i>Pelouze, M.</i>	Preparation of azotic gas, - - - -	260
" "	On the concentration of nitric acid by sulphuric acid, -	261
<i>Proctor, Wm. jr.</i>	On Lobelina, the active principle of <i>Lobelia inflata</i> , and on some other proximate principles of the seeds of that plant, - - - -	2
" "	Observations of <i>Asarum canadense</i> and <i>Asarum Euro-</i> <i>pæum</i> , - - - -	177
" "	Pharmaceutical notices, - - - -	183
" "	Observations on blistering plaster, - - - -	302
<i>Provostaye, M.</i>	On the action of sulphurous acid on hyponitrous acid, - - - -	82
<i>Raspail, M.</i>	On a sedative lotion in headaches, congestions, and cere- bral fevers, - - - -	262
<i>Redtenbacher, Prof., and Varrentrapp.</i>	On the constitution and pro- duct of the distillation of fat bodies, - - - -	220
<i>Redwood, Mr.</i>	On vesicating applications, - - - -	306
<i>Rose, M. H.</i>	On kermes mineral, - - - -	55
<i>Boyle.</i>	Productive resources of India, - - - -	134
<i>Smith, Ambrose.</i>	Further remarks on the ammonio-iodides of mercury, -	89
<i>Solly, E.</i>	On bleaching vegetable wax, - - - -	223
<i>Tabarie, M.</i>	On the therapeutic action of compressed air, - - - -	82
<i>Talbot, H. F.</i>	An account of some recent improvements in photo- graphy, - - - -	247
<i>Thomson, Prof. Thomas.</i>	On the most important chemical manufac- tures carried on in Glasgow, and its neighborhood, -	206
<i>Ure, Alexander M. D.</i>	On hippuric acid and its tests, - - - -	237
<i>Verguin, M.</i>	New process for the detection of copper applicable to medico-legal analysis, - - - -	343
<i>Vandamme and Chevallier.</i>	On a new active principle, - - - -	172
<i>Vee, M.</i>	Modification of the process of M. Garot for covering pills, -	77
<i>Vogel, M.</i>	On the action of sal ammonia on iodide of potassium, and external use of the salt, - - - -	195
<i>Virey, J.</i>	Historical remarks on Greek fire, - - - -	52
<i>Von D'Outrepoint.</i>	On the microscopic characters of healthy milk, -	261
<i>Woulens, A.</i>	On a new product, - - - -	172

## INDEX II.

### SUBJECTS OF ARTICLES IN THE SEVENTH VOLUME OF THE AMERICAN JOURNAL OF PHARMACY.

Academy of medicine of Paris, reports of	326
Acetate of morphia,	62
Acids, poisoning by, concentrated,	129
Acid, new fatty	221
“ hippuric	337
Action of acids on sulphate of iron,	347
Action of sulphurous acid on hyponitrous acid,	82
Action of nitric acid on the bromates, iodates and chlorates of potas- sa and soda,	225
Adulteration of creosote by alcohol,	111
Air compressed,	81
Antidote to salts of copper,	341
Apothecaries' Company,	322
Applications, vesicating	306
Alcohol, experiments applicable to the study of	42
Almonds, bitter, distilled water of	349
Aloes, socotrine,	84
Alum,	210
Ammonia with metallic oxides,	89
Ammonio-iodides of mercury,	94
Ammonia, oxalate of	84
Ammonia, hydrosulphate of	93
Ammonia, hydrochlorate of	189
Aqueous extract of cubebs,	98
Aqua ammoniæ,	93
Arrow root,	189
Arsenic, hydrated peroxide of iron as an antidote for	239
Arsenic, iodides of	97
“ detection of	149
“ in muriatic acid,	348

Arsenious acid, - - - - -	203
“ “ poisoning by, - - - - -	326
Asarum canadense and Asarum Europæum, - - - - -	177
Azotic gas, - - - - -	260
Baryta, watery solution of - - - - -	93
Baryta, - - - - -	203
Bath, sulphur, - - - - -	105
Belladonnine, - - - - -	127
Bitter almonds, distilled water of - - - - -	349
Blistering plaster, - - - - -	302
Bleaching wax, - - - - -	223
Bolus of cubebs, copaiba and turpentine, - - - - -	78
Boracic acid, - - - - -	92
Bromate of potassa and soda, action of nitric acid upon - - - - -	225
Calculi, urinary, composed of cholestérine, - - - - -	349
Cantharides, preservation of - - - - -	174
Carbonate of potassa, - - - - -	93
Catechu lozenges, - - - - -	104
Chalybeate wine of quinquina, - - - - -	73
Chemical reagents, limit of action of - - - - -	200
“ manufactures, - - - - -	206
Chloride of barium, - - - - -	93
“ gold, - - - - -	103
“ lime in itch, - - - - -	172
“ potassa, preparation of - - - - -	346
Cholestérine in urinary calculi, - - - - -	349
Cinchona bicolorata, note on - - - - -	49
Citrine ointment, - - - - -	101
Cochlearia, crystals of sulphur in the comp. tinct. of, - - - - -	349
Cochineal, culture of - - - - -	137
Cocoa, concrete oil of - - - - -	16
Cod oil, - - - - -	86
College of Pharmacy, minutes of - - - - -	79, 166
Company, Apothecaries' - - - - -	320
Compressed air, therapeutic action of - - - - -	81
Concentration of nitric acid, - - - - -	261
Concentrated acids, poisoning by - - - - -	129
Concrete oil of cocoa, - - - - -	16
Consolidation of copaiba by wax, - - - - -	288
Constituents, microscopic, of milk - - - - -	175
Contagions, Liebig on - - - - -	218
Copper, deutoxide of - - - - -	94



Copper, - - - - -	204
“ antidote to salts of - - - - -	341
“ process for the detection of - - - - -	343
Covering pills, process for - - - - -	97
Creosote, adulteration by alcohol, - - - - -	111
Crystallized phosphoric acid, - - - - -	86
Cubebs, preparations of - - - - -	78
Culture of pepper, - - - - -	134
“ cochineal, - - - - -	137
“ poppy, - - - - -	145
Daguerreotype plates, - - - - -	253
Detection of arsenic, - - - - -	149
Deutoxide of copper, - - - - -	94
Dinner pills, - - - - -	105
Distillation of fat bodies, product of - - - - -	220
Distilled water of bitter almonds, - - - - -	349
Dragon's blood, - - - - -	84
Elixir of vitriol, - - - - -	174
Ergot, ethereal oil of - - - - -	95
Ethereal oil of ergot, - - - - -	95
Ethers, experiments applicable to the study of - - - - -	42
Ethule, perchlorate of the oxide of - - - - -	32
Extract of cubebs, - - - - -	78
Examination of monesia, - - - - -	151
Extraction of morphia, - - - - -	60
Fat bodies, product of - - - - -	220
“ acid, new - - - - -	221
Fermentation in syrups, - - - - -	185
Fire, Greek - - - - -	52
Flowers of Krooso, - - - - -	175
Formulæ of several preparations of cubebs, - - - - -	78
“ - - - - -	104
“ for the preparation of proto-iodide of iron, - - - - -	113
Galvanization of metals, - - - - -	85
Gamboge tree of Ceylon, - - - - -	19
Gold, deutochloride of - - - - -	94
“ chloride of - - - - -	103
Greek fire, - - - - -	52
Guarana, use of, &c. - - - - -	53

Hachisch, notice of	-	-	-	-	-	75
Hebradendron cambogioides,	-	-	-	-	-	19
Hippuric acid,	-	-	-	-	-	337
Historical remarks on Greek fire,	-	-	-	-	-	52
Hive syrup,	-	-	-	-	-	186
Hop, ( <i>Humulus lupulus</i> ) examination of the strobiles of	-	-	-	-	-	65
Hydrated peroxide of iron as an antidote for arsenic,	-	-	-	-	-	239
Hydrochlorate of ammonia,	-	-	-	-	-	189
Hydrochloric acid,	-	-	-	-	-	93
"    "    -	-	-	-	-	-	106
Hydrosulphate of ammonia,	-	-	-	-	-	93
Hyoseyamus, oil of	-	-	-	-	-	106
Hyponitrous acid, action of sulphurous acid on	-	-	-	-	-	83
Hyposulphite of soda,	-	-	-	-	-	102
Impregnation, vegetable	-	-	-	-	-	216
Ink, black	-	-	-	-	-	189
Iodate of soda,	-	-	-	-	-	224
Iodides ammonio, of mercury,	-	-	-	-	-	89
"    of arsenic,	-	-	-	-	-	97
Iodide of iron, syrup of	-	-	-	-	-	74
Iodide of potassium, action of sal ammoniac on	-	-	-	-	-	195
"    sodium	-	-	-	-	-	224
Iodine reaction with sulphuric acid,	-	-	-	-	-	82
Ioduret of iron,	-	-	-	-	-	83
Iodine,	-	-	-	-	-	213
Iron, protoxide and peroxide,	-	-	-	-	-	204
"    action of acids on sulphate of	-	-	-	-	-	347
"    -	-	-	-	-	-	206
"    notice of several preparations of	-	-	-	-	-	73
"    sesquicarbonate, &c.	-	-	-	-	-	73
"    tannate of the sesquioxide of	-	-	-	-	-	73
"    syrup of iodide of	-	-	-	-	-	74
"    lactate of	-	-	-	-	-	74
"    protection of, by zinc	-	-	-	-	-	86
"    proto-iodide of	-	-	-	-	-	113
"    sesqui-iodide of	-	-	-	-	-	165
"    Vallet's proto-carbonate of	-	-	-	-	-	183
Isinglass plaster,	-	-	-	-	-	320
Itch, ointment for	-	-	-	-	-	85
"    treatment of	-	-	-	-	-	172
Ivory nipples,	-	-	-	-	-	88
Juniperus sabina,	-	-	-	-	-	11

Kermes mineral, . . . . .	55
Krooso, flowers of . . . . .	175
Lactate of iron, . . . . .	74
"    lozenges, . . . . .	105
Lead, . . . . .	204
" acetate and sub-acetate of . . . . .	94
Lemonade, sulphuric . . . . .	105
Lime, saccharate of . . . . .	74
" water, . . . . .	93
" chloride of, in itch, . . . . .	172
" . . . . .	203
Liquid aqueous extract of cubebs, . . . . .	78
" alcoholic " . . . . .	78
Liquor, Van Swieten's . . . . .	104
Lobelia inflata, proximate principles of . . . . .	2
Lobelina, on . . . . .	2
Lobelic acid, . . . . .	5
Lobelina, salts of . . . . .	9
Lotion sedative, . . . . .	262
Lozenges, catechu . . . . .	104
" lactate of iron . . . . .	105
Magnesia, . . . . .	203
Manna, . . . . .	124
Manufactures, chemical . . . . .	206
Mercury, ammonio-iodides of . . . . .	89
" protiodide, pills of . . . . .	135
Metallic oxides, ammonia, . . . . .	85
Metals, galvanization of . . . . .	85
Miasms, Liebig on . . . . .	218
Mildew, . . . . .	36
Milk, microscopic constituents of . . . . .	175, 261
Minium, . . . . .	169
Minutes of the Philadelphia College of Pharmacy, . . . . .	79, 166
Monesia, examination of . . . . .	151
Morphia, extraction of . . . . .	60
" acetate of . . . . .	62
" chemico-legal researches on . . . . .	173
Narcissus pseudo-narcissus, . . . . .	109
New product, . . . . .	172
" active principle, . . . . .	172
Nipples of ivory, . . . . .	88

Nitrate of potassa and soda, . . . . .	86
“ silver, . . . . .	93
“ mercury, . . . . .	93
Nitric acid, action on the chlorates, iodates and bromates of potassa and soda . . . . .	225
Nitric acid, . . . . .	73
“ . . . . .	203
“ concentration of . . . . .	261
Nitrogen, means of concentrating . . . . .	222
“ source and assimilation in plants, . . . . .	230
Note on minium, . . . . .	169
“ preparation of tannin, . . . . .	171
“ vanilla, . . . . .	191
Notices, pharmaceutical . . . . .	101
Observations on <i>Asarum canadense</i> and <i>Asarum Europæum</i> . . . . .	177
“ blistering plaster, . . . . .	302
Oil, concrete, of cocoa . . . . .	16
“ cod . . . . .	86
“ of ergot, ethereal . . . . .	95
“ phosphorus, . . . . .	104
“ hyoscyamus, . . . . .	106
“ St. John's wort, . . . . .	106
Ointment of itch . . . . .	85
“ citrine . . . . .	101
Opii Tr. ammoniata . . . . .	263
Organic analysis, mode of estimating nitrogen in . . . . .	224
Oxalic acid, . . . . .	93
Paullinia, use of guarana under the name of . . . . .	53
Pepper, culture of, in India, . . . . .	134
Perchlorate of the oxide of ethule, . . . . .	32
Perchloric ether, . . . . .	32
Pharmaceutical notices, . . . . .	101, 183, 288
Pharmacopœia, report on . . . . .	265
Phosphoric acid, on the composition of . . . . .	86
“ “ . . . . .	202
Phosphorus, oil of . . . . .	104
Photography, . . . . .	247
Pills, modification of the process of Garot for covering . . . . .	77
“ of protiodide of mercury, . . . . .	105
“ dinner . . . . .	105
Plaster, isinglass . . . . .	320
Platina, deuto-chloride of . . . . .	94

Poisoning by arsenious acid,	326
Poisons,	218
Poppy, culture of	145
Pollen,	216
Potassium, iodide of	94
Potassa,	203
" chloride of	346
" bromate, action of nitric acid upon	225
Preparation of urea,	260
" cubebs, formulæ for	78
" azotic acid gas,	260
Preservation of cantharides,	174
Principle, new	172
Process for the detection of copper,	343
Protiodide of mercury pills,	105
" iron,	113
Protection of iron by zinc,	86
Prussiate of potash,	93
Phthisis pulmonalis, treatment by proto-iodide of iron,	113
Reagents and their uses,	92
Report of the Committee of Revision on the new Pharmacopœia, made to the College at a special meeting Nov. 6th, 1841,	265
Saccharate of lime,	73
Sal ammoniac,	189
" action on iodide of potassium	175
Salts of lobelina,	10
" copper, antidote to	341
Sabina,	11
Sedative lotion,	262
Sesqui-ioduret of iron,	83
" " "	165
Silver,	204
Socotrine aloes,	84
Soda, bromate, iodate and chlorate of	225
Soap,	214
Soda, hypo-sulphite of	102
Spirit of wood, experiments applicable to the study of	42
Starch, reagent for iodine,	200
Strontia,	93
Succinate of ammonia,	94
Sulphate of soda,	94
Sulphate of iron, action of acids on	847
Sulphuret of antimony,	93



Sulphuric lemonade, . . . . .	105
“ acid, . . . . .	201
“ “ concentration of nitric acid by . . . . .	261
Sulphurous acid, . . . . .	93
“ action on hyponitrous acid . . . . .	83
“ waters analysis of . . . . .	83
Sulphur, crystals of in the compound tincture of cochlearia . . . . .	349
Sulphuric bath, . . . . .	105
Sulphuretted hydrogen, on the spontaneous evolution in the waters of the western coast of Africa, . . . . .	254
Syrup of tannate of iron, . . . . .	73
“ iodate of iron, . . . . .	74
“ alcoholic extract of cubebs, . . . . .	78
“ Johnson’s . . . . .	174
“ fermentation in . . . . .	185
“ Coxe’s hive . . . . .	186
“ . . . . .	187
Tannate of sesquioxide of iron, . . . . .	93
Tannin, preparation of . . . . .	171
Theory, new, for the galvanization of metals . . . . .	85
Tinctura opii ammoniata, . . . . .	263
Urea, preparation of . . . . .	260
Urinary calculi composed of cholestérine, . . . . .	349
Vallet’s protocarbonate of lime, . . . . .	183
Vanilla, note on . . . . .	190
Van Swieten’s liquor, . . . . .	104
Vesicating applications, . . . . .	306
Vitriol, elixir of . . . . .	174
Waters, sulphurous, analysis of . . . . .	83
Water, solvent power of, at high temperature, on silicious minerals . . . . .	227
“ distilled, of bitter almonds, . . . . .	349
Wax, vegetable, mode of bleaching . . . . .	223